

# **1st Grade Course Information**



### MATH

Content Area	Learning Focuses
Number & Operations	<ul> <li>Read count and compare and represent whole numbers up to 120</li> <li>Use a variety of ways to solve addition and subtraction problems</li> <li>Skip count by 2's 5's and 10's to 100</li> <li>Find 10 more and 10 less than a any given number</li> </ul>
Algebra	<ul> <li>Recognize,create and describe patterns using pictures and numbers</li> <li>Use addition and subtraction to represent real world math problems</li> </ul>
Geometry & Measurement	<ul> <li>Describe characteristics of basics shapes</li> <li>Tell time to the hour and half hour</li> <li>Identify and find the value of mixed coins up to one dollar</li> <li>Measure the length of an object using other objects as well as rulers</li> </ul>
Data Analysis	Identify, formulate, and investigate statistical questions by collecting and representing data



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### SCIENCE

Content Area	Learning Focuses
Physical Science	<ul> <li>When asked "How do you know?," students support their answers with observations</li> <li>Recognize that describing things as accurately as possible is important in science</li> <li>Observe that many living and non-living things are made of parts</li> <li>Recognize that tools are used by people to gather information and solve problems</li> </ul>
Life Science	<ul> <li>Describe and sort animals into groups in many ways, according to their physical characteristics and behaviors</li> <li>Recognize that animals need space, water, food, shelter and air</li> <li>Describe ways in which an animal's habitat provides for its basic needs</li> <li>Demonstrates an understanding that animals pass through life cycles</li> </ul>
Earth and Space Science	<ul> <li>Group or classify rocks in terms of color, shape and size</li> <li>Describe similarities and differences between soil and rocks</li> <li>Identify and describe large and small objects made of Earth materials</li> </ul>

#### **SOCIAL STUDIES**

Content Area	Learning Focuses
Citizenship and Government	<ul> <li>Identify characteristics of effective rules and participate in a process to establish classroom rules</li> </ul>
Economics	<ul> <li>Explain that an economy is a system for using resources and distributing goods and services within a community</li> </ul>

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Geography	Create maps and describe the location of items and places shown using positional words or addresses
History	<ul> <li>Ask historical questions about an event in the past and identify one way that things have changed or stayed the same</li> </ul>
Ethnic Studies	Identify examples of how people care for each other as they work for change in communities

### **ENGLISH, LANGUAGE, ARTS**

Content Area	Learning Focuses
Reading	<ul> <li>Ask and answer questions about important details in a text</li> <li>Find the main idea/message of a text and retell important details</li> <li>Describe characters, setting, and big events in a story</li> <li>State the connection between people, ideas, information in the text</li> <li>Compare and contrast when reading literature and informational text</li> <li>Tell the important parts of a sentence</li> <li>Know and apply grade level phonics and word skills to decode words</li> <li>Reads fluently and accurately to support comprehension</li> <li>Use first grade grammar skills to write simple and compound sentences</li> <li>Spell grade level words</li> </ul>
Writing	<ul> <li>Write different texts: narrative, informational, explanatory and opinion</li> <li>Create and publish using digital tools</li> </ul>
Listening, Speaking, Viewing and Exchanging Ideas	<ul> <li>Ask and answer questions to help me better understand a topic</li> <li>Listen to others, speak in turn, and participate in discussions</li> <li>Describe my ideas and feelings in a way that others understand</li> </ul>